INTERNATIONAL SEARCH REPORT

ational Application No /IB2005/050500

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H04R31/00						
According to	o International Patent Classification (IPC) or to both national classifica	ation and IPC					
	SEARCHED						
IPC 7	ocumentation searched (classification system followed by classification H04R	on symbols)					
Documental	tion searched other than minimum documentation to the extent that st	uch documents are included in the fields se	arched				
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Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used					
EPO-In	ternal, WPI Data, PAJ, INSPEC, IBM-T	DB					
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.				
Х	US 2 716 462 A (BRENNAN JOSEPH B) 30 August 1955 (1955-08-30) column 2, line 20 - column 3, lin claims 1-5; figures 1,5		1-19				
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X	US 3 093 207 A (BOZAK RUDOLPH T) 11 June 1963 (1963-06-11) column 1, line 39 - column 1, lin column 2, line 35 - column 3, lin column 4, line 31 - column 4, lin figures 1,2	1963-06-11) 39 - column 1, line 43 35 - column 3, line 11					
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X Furt	her documents are listed in the continuation of box C.	Patent family members are listed in	n annex.				
° Special ca	legories of cited documents :	"T" later document published after the inte					
'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international		or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the c	eory underlying the				
	ent which may throw doubts on priority claim(s) or	cannot be considered novel or cannot involve an inventive step when the do					
citatio "O" docum	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	*Y* document of particular relevance; the c cannot be considered to involve an inv document is combined with one or mo ments such combination being obvious.	ventive step when the tre other such docu-				
other means 'P' document published prior to the international filing date but later than the priority date claimed		ments, such combination being obvious to a person skilled in the art. 8 document member of the same patent family					
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report				
2	4 May 2005	06/06/2005					
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer					
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Meiser, J					

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A	US 5 961 762 A (ZELINKA ET AL) 5 October 1999 (1999-10-05) column 2, line 31 - column 2, line 48 column 5, line 23 - column 6, line 63 figures 1,3-5	1-19

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